



SAFETY DATA SHEET
TWO COMPONENT FAST ACTIVATOR

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Compilation date: 13/08/2010
Revision date: 28/04/2014
Revision No: 3

Section 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product name: TWO COMPONENT FAST ACTIVATOR

Product code: 25-701

1.2. Relevant identified uses of the substance or mixture and uses advised against

Use of substance / mixture: PC9a: Coatings and paints, thinners, paint removers.

1.3. Details of the supplier of the safety data sheet

Company name: Omicron
Unit H
Normandy Lane, Stratton Business Park
Biggleswade
Bedfordshire
SG18 8QB
United Kingdom
Tel: +44 (0) 1767 314320
Fax: +44 (0) 1767 319044
Email: colour@quest-ap.co.uk

1.4. Emergency telephone number

Emergency tel: +44 (0) 1767 314320
(office hours only)

Section 2: Hazards identification

2.1. Classification of the substance or mixture

Classification under CHIP: -: R10; Xn: R20/21; Xi: R37; Sens.: R43; -: R52/53; -: R66

Classification under CLP: STOT SE 3: H336; Aquatic Chronic 3: H412; Flam. Liq. 3: H226; Skin Irrit. 2: H315; Skin Sens. 1: H317; STOT SE 3: H335; -: EUH204

Most important adverse effects: Flammable. Harmful by inhalation and in contact with skin. Irritating to respiratory system. May cause sensitisation by skin contact. Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment. Repeated exposure may cause skin dryness or cracking.

2.2. Label elements

Label elements under CLP:

Hazard statements: H226: Flammable liquid and vapour.

[cont...]

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H315: Causes skin irritation.

H317: May cause an allergic skin reaction.

H335: May cause respiratory irritation.

H336: May cause drowsiness or dizziness.

H412: Harmful to aquatic life with long lasting effects.

EUH204: Contains isocyanates. May produce an allergic reaction.

Signal words: Warning

Hazard pictograms: GHS02: Flame

GHS07: Exclamation mark



Precautionary statements: P280: Wear protective gloves/protective clothing/eye protection/face protection.
P303+361+353: IF ON SKIN (or hair): Remove immediately all contaminated clothing. Rinse skin with water.
P304+340: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P312: Call a POISON CENTER or doctor if you feel unwell.
P370+378: In case of fire: Use suitable extinguishing media for extinction.
P210: Keep away from heat/sparks/open flames/hot surfaces. - No smoking.

Label elements under CHIP:

Hazard symbols: Harmful.



Risk phrases: R10: Flammable.

R20/21: Harmful by inhalation and in contact with skin.

R37: Irritating to respiratory system.

R43: May cause sensitisation by skin contact.

R52/53: Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

R66: Repeated exposure may cause skin dryness or cracking.

Safety phrases: S36/37: Wear suitable protective clothing and gloves.

Precautionary phrases: Contains isocyanates. See information supplied by the manufacturer.

Contains hexamethylene-di-isocyanate. May produce an allergic reaction.

2.3. Other hazards

PBT: This product is not identified as a PBT substance.

[cont...]

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Section 3: Composition/information on ingredients

3.2. Mixtures

Hazardous ingredients:

N-BUTYL ACETATE

EINECS	CAS	CHIP Classification	CLP Classification	Percent
204-658-1	123-86-4	-: R10; -: R66; -: R67 Substance with a Community workplace exposure limit.	Flam. Liq. 3: H226; STOT SE 3: H336; -: EUH066	30-50%

HEXAMETHYLENE DIISOCYANATE, OLIGOMERS

500-060-2	28182-81-2	Sens.: R43; Xn: R20; Xi: R37	Skin Sens. 1: H317; Acute Tox. 4: H332; STOT SE 3: H335	10-30%
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XYLENE

215-535-7	1330-20-7	-: R10; Xn: R20/21; Xi: R38	Flam. Liq. 3: H226; Acute Tox. 4: H332; Acute Tox. 4: H312; Skin Irrit. 2: H315	10-30%
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HYDROCARBONS, C9, AROMATICS

918-668-5	-	Xn: R65; Xi: R37; N: R51/53; -: R10; -: R66; -: R67	Flam. Liq. 3: H226; STOT SE 3: H335; STOT SE 3: H336; Aquatic Chronic 2: H411; -: EUH066; Asp. Tox. 1: H304	1-10%
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2-METHOXY-1-METHYLETHYL ACETATE

203-603-9	108-65-6	-: R10 Substance with a Community workplace exposure limit.	Flam. Liq. 3: H226	1-10%
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MESITYLENE

203-604-4	108-67-8	-: R10; Xi: R37; N: R51/53	Flam. Liq. 3: H226; STOT SE 3: H335; Aquatic Chronic 2: H411	1-10%
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HEXAMETHYLENE-DI-ISOCYANATE

212-485-8	822-06-0	T: R23; Xi: R36/37/38; Sens.: R42/43	Acute Tox. 3: H331; Eye Irrit. 2: H319; STOT SE 3: H335; Skin Irrit. 2: H315; Resp. Sens. 1: H334; Skin Sens. 1: H317	<1%
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Section 4: First aid measures

4.1. Description of first aid measures

Skin contact: Remove all contaminated clothes and footwear immediately unless stuck to skin.

Drench the affected skin with running water for 10 minutes or longer if substance is still on skin. Consult a doctor.

Eye contact: Bathe the eye with running water for 15 minutes. Consult a doctor.

Ingestion: Wash out mouth with water. Do not induce vomiting. If conscious, give half a litre of water to drink immediately. Consult a doctor.

[cont...]

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Inhalation: Remove casualty from exposure ensuring one's own safety whilst doing so. Consult a doctor. In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible). In all cases of doubt or when symptoms persist, seek medical attention. Have Safety Data Sheet information available. Never give anything by mouth.

4.2. Most important symptoms and effects, both acute and delayed

Skin contact: There may be irritation and redness at the site of contact.

Eye contact: There may be irritation and redness. The eyes may water profusely.

Ingestion: There may be soreness and redness of the mouth and throat. Nausea and stomach pain may occur. There may be vomiting.

Inhalation: There may be irritation of the throat with a feeling of tightness in the chest.

Delayed / immediate effects: Immediate effects can be expected after short-term exposure.

4.3. Indication of any immediate medical attention and special treatment needed

Immediate / special treatment: Not applicable.

Section 5: Fire-fighting measures

5.1. Extinguishing media

Extinguishing media: Suitable extinguishing media for the surrounding fire should be used. Use water spray to cool containers. Do NOT use water jet.

5.2. Special hazards arising from the substance or mixture

Exposure hazards: In combustion emits toxic fumes.

5.3. Advice for fire-fighters

Advice for fire-fighters: Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

Section 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions: Refer to section 8 of SDS for personal protection details. If outside do not approach from downwind. If outside keep bystanders upwind and away from danger point. Mark out the contaminated area with signs and prevent access to unauthorised personnel. Turn leaking containers leak-side up to prevent the escape of liquid.

6.2. Environmental precautions

Environmental precautions: Do not discharge into drains or rivers. Contain the spillage using bunding.

6.3. Methods and material for containment and cleaning up

Clean-up procedures: Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method.

[cont...]

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6.4. Reference to other sections

Reference to other sections: Refer to section 8 of SDS.

Section 7: Handling and storage

7.1. Precautions for safe handling

Handling requirements: Avoid direct contact with the substance. Ensure there is sufficient ventilation of the area. Do not handle in a confined space. Avoid the formation or spread of mists in the air. Do not eat, drink or smoke in areas where this product is used or stored. Avoid contact with eyes and skin. An eye wash station should be located in the working area. Ensure all containers are handled and opened with care, never use pressure to empty.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Store in cool, well ventilated area. Keep container tightly closed. The floor of the storage room must be impermeable to prevent the escape of liquids.

Suitable packaging: Keep preferably in original container. Avoid: Those sensitive to solvents.

7.3. Specific end use(s)

Specific end use(s): FOR PROFESSIONAL USE ONLY

Section 8: Exposure controls/personal protection

8.1. Control parameters

Hazardous ingredients:

N-BUTYL ACETATE

Workplace exposure limits:

Respirable dust

State	8 hour TWA	15 min. STEL	8 hour TWA	15 min. STEL
UK	724 mg/m3	966 mg/m3	-	-

XYLENE

UK	220 mg/m3	441 mg/m3	-	-
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HYDROCARBONS, C9, AROMATICS

UK	100mg/m3	-	-	-
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2-METHOXY-1-METHYLETHYL ACETATE

UK	274 mg/m3	548 mg/m3	-	-
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MESITYLENE

UK	25 ppm	-	-	-
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[cont...]

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HEXAMETHYLENE-DI-ISOCYANATE

UK	0.02 mg/m ³	0.07 mg/m ³	-	-
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8.1. DNEL/PNEC Values

DNEL / PNEC No data available.

8.2. Exposure controls

Engineering measures: Ensure there is sufficient ventilation of the area. The floor of the storage room must be impermeable to prevent the escape of liquids. This product should not be used by any person with a history of asthma, allergies, chronic or recurrent respiratory disease.

Respiratory protection: Always wear appropriate respiratory equipment when paint spraying, even outdoors. In all cases when working in a confined area or spraybooth, operators should wear a compressed airfed respirator during the spraying process. The European Group of vehicle Manufacturers united in CEPE recommends the use of fresh-air masks as the best personal protection during spraying of any refinish paint. All Personal Protective Equipment, including Respiratory Protective Equipment, used to control exposure to hazardous substances must be selected to meet the requirements of the COSHH Regulations.

Hand protection: Impermeable gloves.

Eye protection: Safety glasses. Ensure eye bath is to hand.

Skin protection: Impermeable protective clothing.

Environmental: Ensure all engineering measures mentioned in section 7 of SDS are in place.

Section 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

State: Liquid

Colour: Colourless

Odour: Characteristic odour

Solubility in water: Not miscible

Flash point°C: 23

VOC g/l: 661

9.2. Other information

Other information: No data available.

Section 10: Stability and reactivity

10.1. Reactivity

Reactivity: Stable under recommended transport or storage conditions.

10.2. Chemical stability

Chemical stability: Stable under normal conditions.

[cont...]

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10.3. Possibility of hazardous reactions

Hazardous reactions: Hazardous reactions will not occur under normal transport or storage conditions.
Decomposition may occur on exposure to conditions or materials listed below.

10.4. Conditions to avoid

Conditions to avoid: Heat.

10.5. Incompatible materials

Materials to avoid: Strong oxidising agents. Strong acids.

10.6. Hazardous decomposition products

Haz. decomp. products: In combustion emits toxic fumes.

Section 11: Toxicological information

11.1. Information on toxicological effects

Hazardous ingredients:

N-BUTYL ACETATE

ORL	MUS	LD50	6	gm/kg
ORL	RAT	LD50	10768	mg/kg

XYLENE

ORL	MUS	LD50	2119	mg/kg
ORL	RAT	LD50	4300	mg/kg
SCU	RAT	LD50	1700	mg/kg

2-METHOXY-1-METHYLETHYL ACETATE

IPR	MUS	LD50	750	mg/kg
ORL	RAT	LD50	8532	mg/kg

MESITYLENE

IPR	GPG	LDLO	1303	mg/kg
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HEXAMETHYLENE-DI-ISOCYANATE

IVN	MUS	LD50	5600	µg/kg
ORL	MUS	LD50	350	mg/kg
ORL	RAT	LD50	710	µl/kg

[cont...]

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Relevant effects for mixture:

Effect	Route	Basis
Acute toxicity (harmful)	INH DRM	Hazardous: calculated
Irritation	INH	Hazardous: calculated
Sensitisation	DRM	Hazardous: calculated

Symptoms / routes of exposure

Skin contact: There may be irritation and redness at the site of contact.

Eye contact: There may be irritation and redness. The eyes may water profusely.

Ingestion: There may be soreness and redness of the mouth and throat. Nausea and stomach pain may occur. There may be vomiting.

Inhalation: There may be irritation of the throat with a feeling of tightness in the chest.

Delayed / immediate effects: Immediate effects can be expected after short-term exposure.

Section 12: Ecological information

12.1. Toxicity

Ecotoxicity values: No data available.

12.2. Persistence and degradability

Persistence and degradability: Not biodegradable.

12.3. Bioaccumulative potential

Bioaccumulative potential: Bioaccumulation potential.

12.4. Mobility in soil

Mobility: Readily absorbed into soil.

12.5. Results of PBT and vPvB assessment

PBT identification: This product is not identified as a PBT substance.

12.6. Other adverse effects

Other adverse effects: Toxic to aquatic organisms. Toxic to soil organisms.

Section 13: Disposal considerations

13.1. Waste treatment methods

Disposal operations: Transfer to a suitable container and arrange for collection by specialised disposal company.

NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

[cont...]

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Section 14: Transport information

14.1. UN number

UN number: UN1263

14.2. UN proper shipping name

Shipping name: PAINT RELATED MATERIAL

14.3. Transport hazard class(es)

Transport class: 3

14.4. Packing group

Packing group: III

14.5. Environmental hazards

Environmentally hazardous: No

Marine pollutant: No

14.6. Special precautions for user

Special precautions: No special precautions.

Tunnel code: D/E

Transport category: 3

Section 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

15.2. Chemical Safety Assessment

Chemical safety assessment: A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.

Section 16: Other information

Other information

Other information: This safety data sheet is prepared in accordance with Commission Regulation (EU) No 453/2010.

* indicates text in the SDS which has changed since the last revision.

Phrases used in s.2 and 3: EUH066: Repeated exposure may cause skin dryness or cracking.

EUH204: Contains isocyanates. May produce an allergic reaction.

H226: Flammable liquid and vapour.

H304: May be fatal if swallowed and enters airways.

H312: Harmful in contact with skin.

H315: Causes skin irritation.

H317: May cause an allergic skin reaction.

H319: Causes serious eye irritation.

[cont...]

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H331: Toxic if inhaled.

H332: Harmful if inhaled.

H334: May cause allergy or asthma symptoms or breathing difficulties if inhaled.

H335: May cause respiratory irritation.

H336: May cause drowsiness or dizziness.

H411: Toxic to aquatic life with long lasting effects.

H412: Harmful to aquatic life with long lasting effects.

R10: Flammable.

R20/21: Harmful by inhalation and in contact with skin.

R20: Harmful by inhalation.

R23: Toxic by inhalation.

R36/37/38: Irritating to eyes, respiratory system and skin.

R37: Irritating to respiratory system.

R38: Irritating to skin.

R42/43: May cause sensitisation by inhalation and skin contact.

R43: May cause sensitisation by skin contact.

R51/53: Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

R52/53: Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

R65: Harmful: may cause lung damage if swallowed.

R66: Repeated exposure may cause skin dryness or cracking.

R67: Vapours may cause drowsiness and dizziness.

Legal disclaimer: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.

